ISST Training Issues/Talking Points

- IFPS Methodology Workshops
- IFPS Focal Point Course (Distance Learning)
- IFPS Text Formatters
- Current Priorities:
  - GFE DRT, Collaboration (SPC/HPC), IFPS Fire Weather
- ISST Recommendations
  - training for FOs/RFCs on customers/partners
  - use of satellite/radar in GFE
- Hurricane Season…new IFPS methodology with decoded TCMs
- VTEC Impacts to IFPS Operations
- Update PDS to include Digital Services items
- ISST – Training Team needs your support:
  - Help establish requirement for new graphic collab tool
  - Need expanded resources to cover all of the needs, high priorities.
  - NWS needs more education/outreach to "demystify" IFPS and NDFD
- Targets Of Opportunity:
  - NOHRSC products for WFOs/RFCs (melt season/verif.)
  - Process to baseline smarttools in IFPS (FSL & OCWWS)
  - Downscaling Techniques (general, NCEP), w/NWP team
  - The "Big Question"…W & w can a f + value/beat guid. ?

Q. What knowledge and training is needed for operational forecasters to take advantage of new technology ?

(from AMS BOGM Future Forecaster Forum- 2004)

- **Scientific Forecast Process –"Dual Tracks" for Science/Operations**
- **Remote Sensing/Modeling Science**
- **Entry-level Operations Training**
- **Modeling/Post-processing/Statistics for Decision Making**
- **Simulation-based Training for Events/Response**
- **Reinforcement/recertification for Rapid Changes**
- **Complex Software/User Interface/"Click-ology"**
- **Inter and Intra Agency/Community Sharing**
- **Geo Info Sys/Info Mapping Sys/Man Info Sys/IT/Graphics**
- **Mentoring/Coaching/One-on-one**
- **Human Factors (Decision Making/Team Building/Soft Skills/Leadership/Collaboration/Concepts/Communication/Limits)**
- **Continuous Learning for "Stream of Consciousness" (eg. Model Performance, Rapid Software/Technology Changes/Incremental)**
- **Meteorology at Smaller Scales–Meso,Storm,Boundary Layer, Micro**
- **Data Assimilation/Modeling Physics @ Different Scales/Domains**
- **User/Customer Expectations vs. Capabilities**
- **Data/Guidance/Info/Knowledge Management**